

# NGDA Dataset Report

**Official NGDA Title:** BLM National Surface Management Agency: Area Polygons, Withdrawal Area Polygons, and Special Public Purpose Withdrawal Area Polygons

**Metadata Record Title:** BLM National Surface Management Agency: Area Polygons, Withdrawal Area Polygons, and Special Public Purpose Withdrawal Area Polygons

**A-16 NGDA Theme:** Cadastre

## Executive NGDA Theme Champion(s):

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## Theme Lead(s):

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## Dataset Manager(s):

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## Metadata:

**Registration Status:** Complete  
**Registered on** 3/18/2013

**GeoPlatform Link\*:** <https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21>

**Data.gov Metadata Link\*:** <http://catalog.data.gov/harvest/object/1ec1bc72-53c5-4cc9-a11b-cf39ba8960b1/html>

\*If the metadata has been updated and reharvested after publication of this report, the link may no longer be valid. The dataset may be searched for manually in Data.gov or GeoPlatform.gov.

# NGDA Lifecycle Maturity Assessment (LMA) Report

## Time Frame:

Baseline assessment responses include dataset activities from 2013-2015.

## LMA Submission:

**Status:** Complete

**Date:** 9/30/2015

**Extension Requested:** Yes

## LMA Reviewer(s):

**Supervisor:** Did not review

**Theme Lead:** Don Buhler

**Executive Champion:** Did not review

**SAOGI\*:** Did not review

**Other:** Did not review

## LMA Verifier:

**Name:** Don Buhler

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## Attachments:

To get access to any attachments referenced in the report, email the LMA Help Desk at [NGDA\\_LMA\\_help@fgdc.gov](mailto:NGDA_LMA_help@fgdc.gov). Please use the subject "Dataset Report Attachment(s)" and indicate the associated official NGDA title.

\*Senior Agency Official for Geospatial Information (SAOGI)

## Lifecycle Maturity Assessment (LMA) Summary

### Overall Maturity:

**Mature; Consistent**

General Questions: 91%

**Optimized; Established**

Stage 1 - Define/Plan: 60%

**Managed; Predictable**

Stage 2 - Inventory/Evaluate: 100%

**Optimized; Established**

Stage 3 - Obtain: 77%

**Mature; Consistent**

Stage 4 - Access: 100%

**Optimized; Established**

Stage 5 - Maintain: 100%

**Optimized; Established**

Stage 6 - Use/Evaluate: 55%

**Managed; Predictable**

Stage 7 - Archive: 100%

**Optimized; Established**

### NGDA Dataset Maturity Definitions:

**How To Calculate Maturity:** [https://www.geoplatform.gov/sites/default/files/How\\_to\\_Calculate\\_Maturity.pdf](https://www.geoplatform.gov/sites/default/files/How_to_Calculate_Maturity.pdf)

Maturity	Maturity Characteristics for All Lifecycle Stages
Optimized; Established Rank = 5	Dataset meets virtually all business needs of all users. The dataset is considered authoritative by owners and secondary users. It is curated across all stages of the approved lifecycle. Future needs are defined on a regular basis and resources for addressing both current and future business requirements are available.
Mature; Consistent Rank = 4	Dataset meets all the business needs of the primary owner and most of the secondary users. The dataset is curated and used as authoritative by the primary owner. Dataset is used widely by secondary users actively engaged in sustaining the dataset. Future needs are identified and steps are planned to address these. All stages are supported and reviewed on a recurring basis. The dataset is well managed in relation to the approved lifecycle.
Managed; Predictable Rank = 3	Dataset meets a significant number of the business needs of the primary owner and is widely used as an authoritative resource by secondary users. Benchmark activities are occurring in at least four of the approved lifecycle stages. Management practices in relation to the approved lifecycle is moderate but consistent. Dataset is integrating changing business requirements in lifecycle stages impacting overall maturity.
Transition; Transformation Rank = 2	Dataset meets business needs of the primary owner and has moderate use by secondary users. Benchmark activities are occurring in at least three stages. Efforts to integrate funding, include partners, and obtain data are not supported in a sustained manner. Management practices in relation to the stages of the approved lifecycle is limited.
Planned; Initial Development Rank = 1	Dataset limited in meeting business needs of the primary owner. Benchmark activities in the approved lifecycle are just starting to consider secondary uses, partnerships are forming to support additional dataset uses. Dataset development is in a very early stage. Minimal or limited management against the benchmarks in the approved lifecycle.
No Activity Rank = no activity	Dataset meets project or local business needs of the primary owner, secondary or additional uses or users were not considered, not recognized as an authoritative data or is part of a similar dataset. Not managed to any of the benchmarks in the approved lifecycle.

## General Questions for All Stages

1) Is there a recurring process to obtain funding for all lifecycle stages of this dataset?

**Answer:** Funding support exists but is not adequate to meet known requirements, most lifecycle stages are supported.

**Justification Comment:**

**Attachment(s):** 0

The SMA feature class covers the continental United States, Alaska, Hawaii, Puerto Rico, Guam, American Samoa and the Virgin Islands. A Federal SMA agency refers to a Federal agency with administrative jurisdiction over the surface of Federal lands. - See more at: <https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#sthash.y2SxNNjO.dpuf>. SMA data lifecycle is funded on an agency by agency basis and BLM is the compiler of the dataset. There is no centralized funding for this dataset. BLM yearly funding for the coordination remains a priority. However, SMA quality is dependent on each agencies ability to adequately fund data updates.

2) Is there a process in place to ensure that open government and transparency guidelines are followed in all lifecycle stages for this dataset?

**Answer:** Process is published as appropriate with respect to sensitivity requirements, process is transparent, published appropriately.

**Justification Comment:**

**Attachment(s):** 0

The SMA feature class covers the continental United States, Alaska, Hawaii, Puerto Rico, Guam, American Samoa and the Virgin Islands. A Federal SMA agency refers to a Federal agency with administrative jurisdiction over the surface of Federal lands. - See more at: <https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#sthash.y2SxNNjO.dpuf>. SMA is part of BLM's investment portfolio for geospatial information and is on the Geospatial Platform.

3) Are there processes and tools in place so that staff are sufficiently knowledgeable to ensure a continuity of the dataset for all stages of the lifecycle, especially during staffing transitions?

**Answer:** Processes and tools to ensure dataset continuity are in place and implemented for all lifecycle stages.

**Justification Comment:**

**Attachment(s):** 0

This layer is a dynamic assembly of spatial data layers maintained at various federal and local government offices. - See more at: <https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#sthash.y2SxNNjO.dpuf>

## STAGE 1 - Define/Plan

4) Are user and business requirements defined and formalized?

**Answer:** A recurring process is in place, including defining new partner and stakeholder business needs as they arise, and is fully implemented.

**Justification Comment:**

**Attachment(s):** 0

The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office for which it was obtained. The BLM should be cited as the data source in any products derived from these data. Any Users wishing to modify the data should describe the types of modifications they have performed. The User should not misrepresent the data, nor imply that changes made were approved or endorsed by BLM. This information may be updated without notification. The SMA data contained in this dataset are extracted from Federal land status records. The official Federal land status records of

the appropriate surface land managing agency should be consulted concerning ownership details including interest in the federal subsurface mineral estate - See more at: [https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#add\\_info](https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#add_info)

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**5)** How are partners/stakeholders involved in the requirements collection process?

**Answer:** A recurring process is in place, including defining new partner and stakeholder business needs as they arise, and is fully implemented.

**Justification Comment:**

**Attachment(s):** 0

This layer is a dynamic assembly of spatial data layers maintained at various federal and local government offices - See more at: [https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#add\\_info](https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#add_info)

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**6)** Is there a quality assurance process for the dataset?

**Answer:** Quality assurance published as appropriate with respect sensitivity requirements.

**Justification Comment:**

**Attachment(s):** 0

These data are provided by BLM \"as is\" and may contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use. The information contained in these data is dynamic and may change over time. The data are not better than the original sources from which they were derived, and both scale and accuracy may vary across the data set. These data may not have the accuracy, resolution, completeness, timeliness, or other characteristics appropriate for applications that potential users of the data may contemplate. The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office for which it was obtained. - See more at: [https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#add\\_info](https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#add_info)

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**7)** Is there a process to evaluate the sensitivity, privacy, and confidentiality of this dataset?

**Answer:** No.

**Justification Comment:**

**Attachment(s):** 0

SMA does not contain sensitive, private or confidential data.

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**8)** Are defined data standards used in collecting, processing, and/or rendering the data?

**Answer:** No.

**Justification Comment:**

**Attachment(s):** 0

There is no national standard for BLM SMA.

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## **STAGE 2 - Inventory/Evaluate**

**9)** Is there a process for determining if data necessary to meet requirements already exist from other sources (either within or outside the agency) before collecting or acquiring new data?

**Answer:** Process for determining appropriate data is being reused fully implemented, reviewed, and updated on a regular basis.

**Justification Comment:**

**Attachment(s):** 0

The SMA working team focused on implementation of a physical dataset utilizing a crosswalk table before the Data Standard is developed. The Data Management goal for SMA data is to develop an SMA data standard. Due to time constraints, the decision was made to develop as much documentation around the dataset as possible and create a standardized dataset.

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## **STAGE 3 - Obtain**

**10)** Is there a process for obtaining data in relation to this dataset?

**Answer:** Process is under development.

**Justification Comment:**

**Attachment(s):** 0

The National SMA dataset is a compilation of state SMA datasets and six Federal agencies, US Forest Service, Bureau of Indian Affairs, US Fish and Wildlife, National Parks Service, and National Landscape Conservation System. Various collection methods and parameters were used by each source and both scale and accuracy may vary across the final National SMA dataset. The scale for each individual source dataset is detailed in the metadata.

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**11) Is the metadata in a FGDC endorsed geospatial metadata standard?**

**Answer:** Metadata is available in a format endorsed by the FGDC, it fully describes the dataset and provides all the information required to make the dataset discoverable, accessible, and usable.

**Justification Comment:**

**Attachment(s):** 0

Yes. See Metadata Source on <https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21>

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**12) How complete is the geographic coverage as defined in the requirements for the dataset?**

**Part 1 Answer:** Business requirements for cyclic updates identified and a process is in place.

**Part 2 Answer:** Dataset has presently attained the greatest geographic coverage as defined by the current requirements or roughly 100%.

**Justification Comment:**

**Attachment(s):** 0

The SMA feature class covers the continental United States, Alaska, Hawaii, Puerto Rico, Guam, American Samoa and the Virgin Islands. - See more at:

<https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#sthash.HFM1rezY.dpuf>

The spatial accuracy of the data can be found from the reliability and/or the error in X, Y coordinates contained in the PLSSPoints feature class. This represents the best estimate of spatial accuracy on a point-by-point basis. BLM-Nevada was unable to review their state-based SMA data set and certify that the data used in the creation of this data set was the most current and accurate.

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## STAGE 4 - Access

**13) Do you have a process for providing users access to the data in an open digital machine readable format?**

**Answer:** User access process is fully implemented, data is available, process is reviewed and updated on a recurring basis.

**Justification Comment:**

**Attachment(s):** 0

These data are considered public domain and can be accessed via public domain websites.

See <https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#sthash.HFM1rezY.dpuf>

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## STAGE 5 - Maintain

**14) Is there a maintenance process for updating and storing the dataset?**

**Answer:** Dataset maintenance process is fully implemented and processes are reviewed and periodically updated.

**Justification Comment:**

**Attachment(s):** 1

Data regarding the management of a land designation should be input or updated within 2 weeks of any change. At a minimum, data will be input and updated prior to September 30 of each year in preparation for end of year reporting and archiving of the SMA dataset. This includes geographic changes and changes to attribute data. Each state office will track all changes in delineations of



surface management polygons and arcs, and all changes in administrative department and agency as well as holding department and agency that are applied to existing polygons and arc. See document BLM Standardized Dataset Report, Surface Management Agency (September 3rd 2013), v.1.0

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**15)** Is there an error correction process as part of dataset maintenance?

**Answer:** Error correction process includes user notification, process reviewed on a recurring basis.

**Justification Comment:**

**Attachment(s):** 0

The plan at the time of writing of this document is to collect the states' data monthly and refresh the National SMA publication monthly. If it proves to be impractical to complete monthly updates, the State and National data stewards shall review the dataset each time a new national SMA dataset is created but at a minimum annually prior to September 30 of each year for end of year reporting and archiving. Discrepancies or deficiencies are to be reported to the appropriate State Office data steward for clarification and update. The State and National data stewards will review any corrections to the data set again prior to December 15 of each year. Cooperating agencies and partners may choose to review portions of the data for accuracy of attributes. See document BLM Standardized Dataset Report, Surface Management Agency (September 3rd 2013), v.1.0

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## STAGE 6 - Use/Evaluate

**16)** Is there a process to determine if the dataset meets user needs?

**Answer:** No.

**Justification Comment:**

**Attachment(s):** 0

These data are provided by BLM "as is" and may contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use. See more at:

<https://www.geoplatform.gov/node/243/957defd3-f7b9-4eee-a433-e60b57946f21#sthash.HFM1rezY.dpuf>

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**17)** Is there a process to provide users information on how to access and properly use the dataset?

**Answer:** Process is fully implemented supporting access and proper use, process is reviewed on a recurring basis.

**Justification Comment:**

**Attachment(s):** 0

Information provided in BLM Standardized Dataset Report, Surface Management Agency (September 3rd 2013), v.1.0

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**18)** Are the business processes and management practices assessed to meet changing technology?

**Answer:** Assessment process implementation started for taking advantage of changing technology.

**Justification Comment:**

**Attachment(s):** 0

The implementation of BLM's Geospatial Publication Module (GPM) will cause current business processes and management practices to be assessed.

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## STAGE 7 - Archive

**19)** Is there an archiving process for the dataset?

**Answer:** Archival and disposition processes are fully implemented.

**Justification Comment:**

**Attachment(s):** 0

The entire geodatabase for the Surface Management Agency dataset will be archived on an annual basis, by October 15, for the previous fiscal year. See document BLM Standardized Dataset Report, Surface Management Agency (September 3rd 2013), v.1.0